

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 04214358  
PUBLICATION DATE : 05-08-92

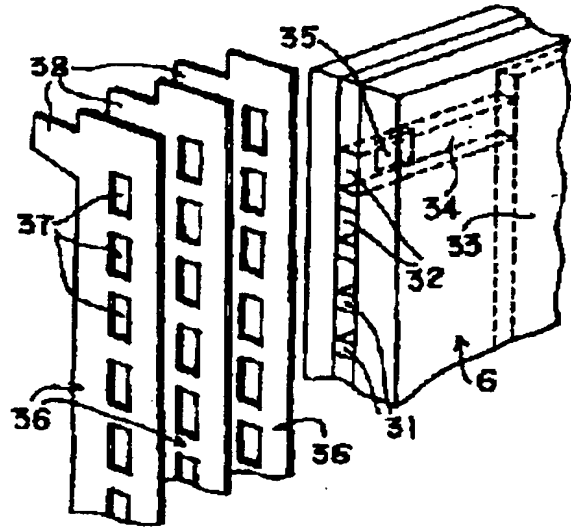
APPLICATION DATE : 10-12-90  
APPLICATION NUMBER : 02418409

APPLICANT : CANON INC;

INVENTOR : YAMASHITA TOMIO;

INT.CL. : B41J 2/165 B41J 2/135

TITLE : INK JET RECORDING MEANS AND INK  
JET RECORDING APPARATUS USING  
SAID MEANS



ABSTRACT : PURPOSE: To provide an ink jet recording means capable of maintaining the surface of the discharge orifice constantly in such a state that it has a water repellence effect, and preventing easily a discharge orifice from becoming clogged and an ink jet recording apparatus using said device, and providing an ink jet recording apparatus using said means.

CONSTITUTION: An ink jet recording device (recording head) consists of film-like, water-repellent Mylar 36 stacked on the discharge orifice surface. If ink discharge fails due to the coagulation of ink around the discharge orifice, the discharge orifice surface 31 is made water-repellent continuously by peeling off the water-repellent Mylar one by one. Thus the discharge orifice 32 is prevented from becoming clogged and the product life is prolonged.

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